

09/423004 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of)	Group Art Unit:	#5
MATTI LINKO ET AL.)	Examiner:	I.P.S. D.R.
Int'l. Appln. No. PCT/FI98/00370)	METHOD FOR THE MATURATION OF	
Int'l. Filing Date: April 28, 1998)	BEER	3-16-2000
U.S. Appln. No. 09/423,004)		

INFORMATION DISCLOSURE STATEMENT

Milwaukee, Wisconsin 53202
January 31, 2000

Box PCT
Asst. Commissioner for Patents
Washington, D.C. 20231

Sir:

Attached are the following references cited in the International Search Report of PCT application PCT/FI98/00370, and in the specification, as filed. The International Search Report was carried out by the Swedish Patent Office.

US 4,915,959 DE 41 37 474
GB 2 143 544

Monograph XXIV of the European Brewery Convention, E.B.C. - Symposium Immobilized yeast applications in the brewing industry, Espoo, Finland, Oct. 1995 (ISBN 3-418-00749-X; E. Pajunen: Immobilized yeast lager beer maturation: DEAE-cellulose at Sinebrychoff (pp. 24-40) and I. Hyttinen: Use of porous glass at Hartwall brewery in the maturation of beer with immobilized yeast (pp. 55-56).

M. Moo-Young, J. Lamprey and C.W. Robinson: Immobilisation of yeast cells on various supports for ethanol production, *Biotechnology Letters* 2 91980) No. 12, pp. 541-545.

H. Lommi: Immobilized yeast for maturation and alcohol-free beer, *Brewing and Distilling International*, May 1990, pp. 22-23.

M.A. Gencer and R. Mutharasan: Ethanol fermentation in a yeast immobilised tubular fermentor, *Biotechnology and Bioengineering* 25 (1983) pp. 2243-2262.

J. Kronlof and V.P. Maatta: Main fermentation using immobilized yeast in beer production, *Mallas ja Olut* 1993, No. 5, pp.

Dialog Information Services, BIOSIS, Dialog Accession No. 3369982, Biosis Accession No. 72002373, M. Moo-Young et al.: Immobilization of yeast cells on various supports for ethanol production; *Biotechnology Letter* 2 912), 1980 (Recv'd. 1981) 541-548.

Dialog Information services, File 53, Foodline, Dialog Accession No. 00505957, Foodline Accession No. 461380, M. Linko et al.: Main fermentation with immobilized yeast - a breakthrough; *Proceedings of the 26th Congress, Maastricht, 1997*; pp. 385-394.

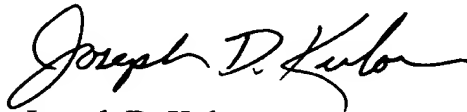
Derwent Abstract - R. Bodmer et al., Continuous production of beer using fermenting wort contg. oxygen - comprises continuous circulation of partial stream in fermenter, giving beer with low

diacetyl content and better flavor; 12/15/99

Also attached is a PTO Form 1449, in duplicate, listing the attached.

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP




Joseph D. Kuborn
(Reg. No. 40,689)

100 East Wisconsin Avenue, Suite 1100
Milwaukee, Wisconsin 53202
(414) 271-7590
Atty. Docket No. 2534-00053 (C.113690-120)

CERTIFICATE OF EXPRESS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as EXPRESS MAIL - POST OFFICE ADDRESSEE, in an envelope addressed to: Asst. Commissioner for Patents, Washington, D.C. 20231 on the 30th day of January, 2000. The Express Label is EL505216634US.

<u>Jo Ann Kuczynski</u>	<u>---</u>
Name	Reg. No.
<u></u>	<u>1-31-00</u>
Signature	Date